



Children's World

Year in Review 1995

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The photographs featured on the front cover, divider pages, and inside and outside back cover of this issue of *Children's World* are of the hospital's Prouty Garden and the garden's statues.

In 1953, Olive Higgins Prouty, a hospital trustee, benefactor, and mother of two Children's patients, Anne and Olivia, saw the need for a tranquil place where patients, families, and staff could find respite from the strain of illness and hospitalization. Through her inspiration and generosity, the Prouty Garden was established. Many of the statues that grace the garden and delight young patients were sculpted by Amelia Peabody, another generous Children's benefactor.

In her will, Prouty established an endowed fund to maintain the garden in its original beauty. Her vision of a peaceful and beautiful sanctuary continues to provide joy to Children's community today.

President and Chief Executive Officer: David S. Weiner
Chairman of the Board: George H. Kidder
Children's World is published by the Office of Public Affairs
Vice President for Development and Public Affairs: Anne Malone
Director of Public Affairs: Dinah Vaprin
Editor: Elizabeth H. Andrews



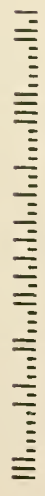
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In her will, Prouty established an endowed fund to maintain the original beauty. Her vision of a peaceful and beautiful place of joy to Children's community today.

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Year in Review



Message from the Chairman and President



David S. Weiner, president and chief executive officer, left, and George H. Kidder, chairman of the Board of Trustees

When we think of Children's Hospital, we often visualize the buildings on Longwood Avenue and the inpatient units where staff battle a host of complex illnesses. We envision the Prouty Garden, where families enjoy a place of beauty during any season of the year. We think of the increasing outpatient population who seek help to combat such problems as AIDS, child abuse, infant mortality, and teen pregnancy. We think of the laboratories in the Enders research building, where scientists investigate the causes of disease and add to the body of knowledge related to improving health for children.

Yet the resource that is Children's Hospital has always been felt far beyond Longwood Avenue. Pediatricians and pediatric subspecialists who

complete their residencies at Children's fan out across the country; innovations in cost-effective care delivery become national models; and research breakthroughs that occur here help children throughout the world.

Today, more than ever, Children's mission transcends the walls of this institution and is expressed in the creation of an integrated child health care delivery system that will enhance the well-being of all children. Creating that system is a journey, not a destination, and our passage is fueled by the understanding that to adapt and thrive, we must collaborate with others. Throughout the past year, we have had to reset our compass, but our determination to develop a high-quality regional system of care for children has not wavered.

Changes in health care economics and in public attitudes and political agendas continue to alter the state of health care delivery in this country. No provider of health care—and no family—has been unaffected. Faced with the fundamental reality that Children's in the 21st century will be a different institution than it is today, we have spent the last year shaping a plan for the future. This plan must affirmatively address the question we hear time and again from families in this era of managed care and diminishing resources: Will I still be able to bring my child to Children's Hospital?

Strengthening alliances is a powerful means of accomplishing the goal of full access for all who need and want Children's services. In our immediate community, in addition to the care we provide for a growing number of patients at Martha Eliot Health Center, we are broadening our partnership with Boston City Hospital (BCH) and its neighborhood health centers. A major milestone in this collaboration was the decision this year to merge the residency program in Children's Department of Medicine with that of BCH beginning in July 1996. Through the Boston Combined Residency Program in Pediatrics, the first joint pediatric training program in the country between two hospitals with separate faculty, pediatricians will acquire the breadth of expertise to deliver high-quality services to children in a changing environment. This effort, and Children's and BCH's combined service to 75 percent of the children in the city, will soon become formalized as an urban system of pediatric care in Boston. All of the city's children will benefit from this unique partnership.

Key to the success of the shift from a hospital-based organization to an integrated system is expanding relationships beyond our immediate community. Children's strengthened its partnership with Harvard Pilgrim Health Care (HPHC) in 1995, and we expect it will continue to grow as we explore new ways to jointly manage care for all HPHC pediatric patients. Last year, Children's also expanded access to its care givers and services to a significant portion of Massachusetts' pediatric

population by signing a full-service contract with Tufts Health Plan. At the same time, Children's has been developing a range of strategic affiliations and relationships with primary care physicians throughout the region as part of a growing network to deliver pediatric care.

In addition to the array of specialty care services already in place in Lexington and Peabody, Children's will begin providing primary care in Chelsea in the spring of 1996 with the opening of Beth Israel HealthCare and Children's Hospital Medical Care Center North. And we are further broadening partnerships with community hospitals to be able to provide quality pediatric services in the most appropriate setting.

In a managed care environment, achieving cost reductions and improving quality and service are key competitive advantages. During this past year, Children's provided care to the largest number of both inpatients and outpatients in its history. At the same time, revenues from patient care continued to decline as reimbursement remained flat. Ongoing cost containment efforts, however, reduced expenses and enhanced efficiencies in care. With the formation of the Operating Committee, a partnership of physician and administrative leaders, the hospital has implemented a financial and operational blueprint that effectively responds to the ongoing pressures resulting from changes in volume and reimbursement. The hospital has expanded the successful short stay model and has implemented other initiatives that are chronicled in this report to strengthen accountability for care delivery across the continuum of services.

Integral to building a child health care system for the future is the role Children's plays today in responding to the national crisis in child health: the neglect, injury, and illness that jeopardize the health and development of our children and, in turn, the well-being of our communities and our nation. In September, a group of 50 Children's donors and charter members from 18 other prestigious pediatric health care institutions in North America inaugurated the Children's Circle of Care, a donor recognition

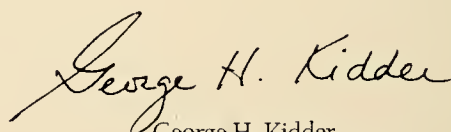
society created to honor major benefactors whose annual giving supports excellence in child health. A day-long series of activities, culminating in a dinner at the White House hosted by President and Mrs. Clinton, reaffirmed the unity and commitment of children's hospitals and their supporters in upholding the highest standards in pediatric medicine across the continent.

While all of this activity has been taking place, Children's has also been contending with the proposed restructuring of Medicaid, the public program most important to children's health. Even as this annual report goes to press, Congress and the White House have not yet negotiated a compromise over the growth in Medicaid spending and the program's administration. Throughout the past year, Children's has been urging the preservation of Medicaid minimum eligibility standards for children and their ability to receive health care from pediatric specialists. We will continue to be active at the federal and state levels to help ensure that any compromise between Congress and the White House brings about legislation that protects the right to quality health care for every child.

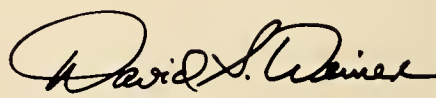
This year, one of Children's finest leaders completed his tenure as physician-in-chief. In October, David G. Nathan, M.D., relinquished the role he had held since 1985 to become president and chief executive officer of Dana-Farber Cancer Institute. A dedicated clinician, a brilliant investigator who pioneered innovative treatments for a number of blood diseases, and a gifted educator, Dr. Nathan

will always be remembered for his passionate commitment to the hospital, its patients, and its special leadership role in world pediatrics. We wish to express our heartfelt thanks to him for 30 years of outstanding service to Children's Hospital. We are fortunate to have Frederick H. Lovejoy Jr., M.D., associate physician-in-chief, serving as interim physician-in-chief and chairman of the Department of Medicine.

These are exciting times for Children's as we join with others to build a system that embraces child health as its most basic value. In so doing, we hope to help build healthier communities for the many children whose basic health care needs still go unmet. As we continually improve our methods of delivering health care, we know that our most important partnership remains the one we have with our patients. Together, we will meet the challenges of change. Our historic mission will guide us, as the image of healthy, happy children inspires us to be the best health care resource for children and families throughout the region and beyond.



George H. Kidder
Chairman of the Board



David S. Weiner
President and
Chief Executive Officer

Special Report



The Nathan family at the reception honoring David G. Nathan, M.D. From left, Geoffrey Nathan, Linda Nathan, David G. Nathan, M.D., Jean Nathan, and Deborah Charness

Children's physician-in-chief steps down

David G. Nathan, M.D., Children's physician-in-chief for the past decade, stepped down in October to assume the position of president and chief executive officer of Dana-Farber Cancer Institute (DFCI). Nathan was planning to conclude his responsibilities as chairman of the Department of Medicine at Children's on June 30, 1996, but relinquished his role earlier in order to accept the new position at DFCI.

Nathan's distinguished career as a hematologist spans more than 40 years. After receiving his A.B. at Harvard College in 1951 and his M.D. at Harvard Medical School in 1955, he served an internship in internal medicine at the Peter Bent Brigham Hospital in Boston. He then joined the National Cancer Institute as a clinical associate for two years. It was during this period that he developed an abiding interest in hematology, the study of blood and blood-forming tissues, and in particular, cancers of the blood and inherited red cell disorders. In 1958, Nathan returned to Peter Bent Brigham, where he was often asked to work with young patients at Children's who

were suffering from severe anemia, and in 1963, Nathan joined Children's staff as an associate in Hematology/Oncology. He became chief of the division at Children's in 1968, and from 1974 to 1985 served as chief of the combined Division of Hematology/Oncology at Children's Hospital and DFCI and chief of Pediatric Oncology at DFCI. Nathan has been the Robert A. Stranahan Professor of Pediatrics at Harvard Medical School since 1977.

As a clinical investigator, Nathan has made significant contributions to the field of human genetic research and to the training of a generation of hematologists. His discovery of a new class of congenital anemias built the foundation for advances in the prevention, diagnosis, and treatment of a wide variety of blood disorders and infectious diseases. He also developed prenatal detection techniques for sickle cell anemia and for thalassemia, a common genetic blood disorder that can lead to severe anemia and congestive heart failure. Through his research efforts, Nathan has helped to significantly increase the life span of children with thalassemia, which is most

common in Mediterranean countries and in individuals of Mediterranean, African, and Asian descent.

Nathan is respected as a dynamic leader of a complex clinical and academic program that combines excellence in patient care, teaching, and research, whose caring and compassion set a high standard for all members of the department. His leadership in the field of clinical investigation attracted many scientists to Children's to work with him. In 1986, Nathan became director of the Howard Hughes Medical Institute (HHMI) Program at Children's Hospital, the largest laboratory established by HHMI at any hospital in the country. The program supports researchers examining the causes of and the treatments for genetic diseases. An outstanding clinician, Nathan also co-founded the combined Bone Marrow Transplantation Program at Children's and Brigham and Women's hospitals.

The author of more than 300 scientific papers, Nathan is a member of many scientific and medical organizations, including the American Association for the Advancement of Science, the American Pediatric Society, the American Society of Clinical Investigation, and the Association of American Physicians. He is also a member of the Institute of Medicine and a fellow of the American Academy of Arts and Sciences. In 1990, Nathan was awarded the National Medal of Science, the highest scientific honor given by the president of the United States. Nathan has been honored for his

many contributions to the field of hematology as well as his role in training many of the country's leading hematologists and oncologists. This year, Nathan was named the recipient of the General Clinical Research Center Award for Excellence in Clinical Research by the National Institutes of Health. He was also recently recognized by the American Society of Hematologists with the Henry M. Stratton Medal. Nathan has served on many editorial boards, including the *Journal of Clinical Investigation*, *Blood*, and *The New England Journal of Medicine*. He has recently published a book entitled *Genes, Blood, and Courage: A Boy Called Immortal Sword*, in which he describes dramatic events and discoveries in molecular medicine as they have affected one of his patients with thalassemia whom he has treated for nearly thirty years.

At a dinner in Nathan's honor Jan. 23, 1996, George H. Kidder, chairman of the Board of Trustees, said, "David Nathan has been an extraordinary leader for Children's, visionary and passionate about child health. We are deeply grateful to him for the immense love and dedication he has given to the hospital and its patients. We hope that even though he has taken on major executive and administrative responsibilities at Dana-Farber Cancer Institute, there will still be moments in his busy life when he will be able to respond to the needs of sick children. The world of pediatrics will continue to need his skills and his devotion."



David S. Weiner, Children's president, left, and Frederick H. Lovejoy Jr., M.D., interim physician-in-chief, unveil the portrait of David G. Nathan, M.D.

Special Report



First Lady Hillary Rodham Clinton addresses Children's Circle of Care at the National Institutes of Health in September 1995.

Children's Circle of Care

In 1995, Children's Hospital collaborated with 18 other children's hospitals in the United States and Canada to create a recognition society for individuals and family foundations whose annual giving to support pediatric health care, research, and teaching is \$10,000 or more. "Children's Circle of Care" brings together and honors donors from throughout North America who form the foundation of philanthropy for children's hospitals.

To inaugurate the society, a leadership conference was held at the National Institutes of Health (NIH) in Bethesda, Md., on Sept. 27, 1995, followed by a reception and dinner at the White House hosted by President Clinton and First Lady Hillary Rodham Clinton, honorary

chair of the Circle of Care. More than 600 donors attended the events, including 50 donors from Children's in Boston.

Robert Bazell, chief health and science correspondent for NBC News, served as master of ceremonies of the leadership conference, which included presentations by Harold E. Varmus, M.D., director of the NIH; Scott D. Oki, trustee of the Oki Foundation in Seattle, whose gift helped create the Circle of Care; and David G. Nathan, M.D., Children's former physician-in-chief, who recounted groundbreaking contributions to the advancement of patient care and research by pediatric institutions throughout North America. Mrs. Clinton delivered the



Children's President David S. Weiner greets Hillary Rodham Clinton at the National Institutes of Health as Jonathan R. Bates, M.D., president of Arkansas Children's Hospital, looks on.

keynote address, applauding the efforts of the Circle of Care and emphasizing the need to guarantee access to care for all children.

After the leadership conference, guests attended a cocktail reception on the first and second floors of the White House in the state rooms rarely open to the public. Dinner was served under a tent on the White House lawn where President Clinton and the First Lady welcomed the guests and expressed appreciation for their support of the nation's children.

"There is much that this organization can do," said Mrs. Clinton. "Our children are not only our present

and our future, they are a test of our humanity and our faith. By your support of children's hospitals, you are saying, 'we believe in our children.' "

The evening's entertainment was provided by actor and singer Mandy Patinkin. Patinkin, who is also a concert pianist, performed a selection of Broadway show tunes.

Each year, Children's Circle of Care will publish a national honor roll of its members and will continue to cultivate through annual programs and events the leaders who support the patient care, research, and teaching provided at children's hospitals.

1995 Activities and Accomplishments



Strides in Patient Care



Gary R. Fleisher, M.D., left, and Carole C. Atkinson, M.S., R.N.C., tend to a victim of Hurricane Marilyn.

Children's team aids hurricane victims

In September, the nation's first pediatric disaster team, staffed by six Children's clinicians, was deployed to the Caribbean island of St. Thomas following devastation by Hurricane Marilyn. For eight days, the team, led by Gary R. Fleisher, M.D., chief of the Division of Emergency Services, managed the immediate medical needs of approximately 100 pediatric patients a day. The trip to St. Thomas was the team's first call to action.

Children's was asked by the federal government's National Disaster Medical System in 1994 to create the first of five volunteer national pediatric teams to respond to national and international catastrophes. The team is expanding to include clinicians from Virginia to Maine who volunteer to go to disaster sites.

Children's initiates sickle cell therapy

In June, Children's began a clinical trial for pediatric patients with clinically severe sickle cell anemia, an inherited blood disorder that affects primarily African Americans. Heralded as the first effective treatment for sickle cell disease, hydroxyurea has proven to be an

effective treatment for adults with the illness. Patients enrolled in the trial take hydroxyurea daily to prevent the episodes of pain, or crises, associated with sickle cell disease. Children's is one of four pediatric hospitals in the country participating in the one-year trial. By reducing the number of crises, hydroxyurea promises to improve quality of life for patients and perhaps increase life expectancy.

Skull Base Program established

The Longwood Skull Base Program, a tertiary treatment center for tumors and congenital deformities of the head and neck, was established Aug. 1. Ivo P. Janecka, M.D., F.A.C.S., associate in Otolaryngology, is director of the Children's-based program, which is a collaboration among Children's, Brigham and Women's, and Beth Israel hospitals, and their respective departments of Otolaryngology, Neurosurgery, and Plastic Surgery.

Prior to Janecka's appointment at Children's, he served as professor of Otolaryngology and Neurosurgery and director of the Center for Cranial Base Surgery at the University of Pittsburgh Medical Center.

Family Education Program founded

During fiscal year 1995, 61 percent of Children's patients were hospitalized for three days or less, and 26 percent of all hospital stays lasted only one day. Recognizing the importance of ensuring a family's complete understanding of their child's illness, home care and medication needs, and other issues related to their child's care, Children's launched a Family Education Program in August 1994. The goals of the program are to oversee the development of comprehensive educational materials for families, to facilitate learning by families from pre-admission to home care, and to support clinical staff by providing educational resources. The program is guided by a committee comprised of staff from throughout the hospital and parents of patients.

Family education materials will eventually be placed on the hospital's computer system, enabling caregivers throughout the institution to provide information to families in a timely manner.

Brazelton Center established

The Brazelton Center for Infants and Parents (BCIP), an education and training program based at Children's, was established in March 1995. Named for T. Berry Brazelton, M.D., senior associate in Medicine (General Pediatrics) and director emeritus of the Child Development Unit, and directed by J. Kevin Nugent, Ph.D., the center trains health care professionals to use the Neonatal Behavioral Assessment Scale in their interactions with infants and parents. The scale, developed by Brazelton in the late 1970s, evaluates newborns' behavior and characteristics and can be used to enhance the bond between parent and baby and the relationship between parent and practitioner.

The BCIP also conducts research in infant development and serves as a communication link among professionals involved in infant development and early infant-parent relationships. Satellite centers have been established throughout North America, Europe, Asia, and South America. The BCIP is funded by Procter & Gamble/Pampers and Johnson & Johnson Consumer and Personal Products Worldwide.



Liliana C. Goumnerova, M.D., and ventriculostomy patient Daniel Fitzgerald, 12

Neurosurgery applies new technique

Under the direction of Liliana C. Goumnerova, M.D., associate in Neurosurgery, the Department of Neurosurgery recently began using ventriculostomy, a minimally invasive technique to conduct procedures in the brain. Employing techniques similar to those used in arthroscopy, ventriculostomy uses a probe to create new pathways that drain fluid in the brains of patients with conditions such as hydrocephalus, an abnormal increase in the amount of fluid in the cranial cavity. For some patients with hydrocephalus, the technique can replace the traditional use of a shunt, which requires more extensive surgery, often needs to be changed, and is subject to infection.

Ventriculostomy can be used both as an alternative to craniotomy, reducing recovery time to an overnight hospital stay, and to perform biopsies on deeply embedded tumors. Goumnerova has performed nearly 100 ventriculostomy procedures, and Children's is one of fewer than 10 centers nationwide that offer the procedure.

Research Highlights



Evan Y. Snyder, M.D., Ph.D.

Brain cell transplantation may offer treatment for neural diseases

In the March 23 issue of *Nature*, Evan Y. Snyder, M.D., Ph.D., assistant in Medicine (Newborn Medicine) and Neurology, in collaboration with John H. Wolfe, V.M.D., Ph.D., of the School of Veterinary Medicine at the University of Pennsylvania, reported the successful transplantation of immature, or progenitor, brain cells in the brains of mice with mucopolysaccharidosis (MPS) type VII, an enzyme deficiency.

Based on biologic principles discovered earlier by Snyder and his colleagues that show neural progenitor cells will differentiate into an array of neural cells that perform the functions of the brain, Snyder implanted the progenitor cells into the cerebral ventricles of newborn mice. The cells engrafted into normal zones of nerve cell growth and migration, and differentiated into normal cells throughout the brain, producing the missing enzyme and correcting the disease.

The human equivalent of MPS VII is Sly's disease, a fatal condition marked by mental retardation. Sly's disease occurs in fewer than 1 in 100,000 births, but is

representative of a broader group of inherited diseases characterized by enzyme deficiency or other genetic abnormalities that presently have no treatment and could one day be cured by this form of therapeutic intervention.

Director of Gene Therapy appointed

In December, Richard C. Mulligan, Ph.D., assumed the position of Children's first director of Gene Therapy. Mulligan will oversee the Harvard University-wide gene therapy efforts organized within the Harvard Institute of Human Genetics. Also named the Mallinkrodt Professor of Genetics at Harvard Medical School and a Howard Hughes Medical Institute investigator, Mulligan was appointed as a result of a 1994 decision of Children's Board of Trustees to develop a gene therapy program at the hospital.

Mulligan's research efforts include the study of hematopoiesis, the process by which blood cells are generated and maintained; the role of cytokines, or growth factors, and other molecules in the immune response; the development of genetic therapies to treat diseases of

the blood, cancer, and autoimmune diseases; and the development of new methods for improving the success of organ and tissue transplantation.

Mulligan is internationally recognized for the development of new technologies for transferring human genes into mammalian cells. Such work in gene therapy research holds promise for correcting human genetic diseases and treating some types of cancer. Most recently, Mulligan has served as a member of the Whitehead Institute for Biomedical Research and professor of Molecular Biology at the Massachusetts Institute of Technology.

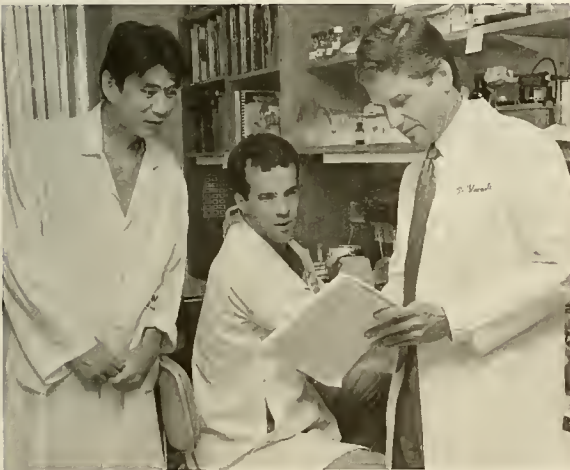


Richard C. Mulligan, Ph.D.

in Cardiovascular Surgery, resulted in the creation of a functional valve leaflet for the heart. Engineered valve sections may one day replace mechanical, animal, and cadaver valves now used in approximately 60,000 valve replacements conducted in the United States each year.

A second project, a collaboration between staff in Vacanti's lab, Robert Langer, Ph.D., at the Massachusetts Institute of Technology, and the laboratory of Vacanti's brother, Charles Vacanti, M.D., at the University of Massachusetts Medical Center, has resulted in the successful generation of cartilage tissue, which has been used to recreate ears, tracheas, and replacement tissue for joints in animals. Use of tissue-engineered cartilage in human trials is expected to begin in 1996.

Engineered tissue offers the promise of reducing the risk of rejection and alleviating the shortage of organs, common problems of donor and mechanical transplants.



From left, Toshiharu Shin'oka, M.D., Christopher Breuer, M.D., and Joseph P. Vacanti, M.D.

Laboratory makes strides in tissue engineering

In the laboratories of Joseph P. Vacanti, M.D., senior associate in Surgery and director of Organ Transplantation, tissue engineering, or the process of growing a sample of a patient's own tissue in the laboratory with the goal of reimplanting it in the patient where it can take over the function of defective organs or tissues, made significant advances in 1995.

An effort to create replacement heart valves, led by Christopher Breuer, M.D., former research fellow in Surgery, and Toshiharu Shin'oka, M.D., research fellow



Isaac Kohane, M.D., Ph.D., left and Fj. van Wingerde, application specialist in the Informatics Program

Informatics Program launched

In March, under the direction of Isaac Kohane, M.D., Ph.D., assistant in Medicine (Endocrinology), Children's formally initiated an Informatics Program to develop ways that computer technology can enhance hospital information management systems and patient care. Funded last year by a three-year grant from the National Library of Medicine, Kohane and his staff are developing a secure electronic medical record system to retrieve patient records through the World Wide Web. In collaboration with James C. Fackler, M.D., associate in Anesthesia, this year the Informatics Program also piloted a computerized ventilator system in Children's Multidisciplinary Intensive Care Unit that automatically monitors and adjusts patients' oxygenation levels.



Don C. Wiley, Ph.D.

Lasker award conferred upon Wiley

Don C. Wiley, Ph.D., research associate in the Laboratory of Molecular Medicine and a Howard Hughes Medical Institute investigator, received an Albert Lasker Medical Research Award in September. Wiley shares the award with four other scientists whose combined work explains how disease-fighting T cells recognize foreign organisms in the body.

In his research, Wiley used x-ray diffraction to visualize how human proteins bind with and present foreign antigens, or viruses, to T cells. The T cells either destroy cells infected by viruses or secrete signals to regulate the immune response. This research offers promise for the development of vaccines for viruses and drugs that can counteract transplant rejection and curb tumor growth.

The Lasker awards are presented annually by the Albert and Mary Lasker Foundation in the areas of basic medical research, clinical research, and public service.

Orkin receives Horten award



Stuart H. Orkin, M.D.

In September, Stuart H. Orkin, M.D., senior associate in Medicine (Hematology/Oncology) and a Howard Hughes Medical Institute investigator, was presented the Helmut Horten Research Award for his contributions to understanding thalassemia. In the early 1980s, Orkin identified the defective genes responsible for thalassemia, a deadly form

of inherited anemia prevalent in people of Mediterranean, African, and Asian descent. His groundbreaking research paved the way for the development of a prenatal test to diagnose β -thalassemia, allowing for early, life-saving treatments, including blood transfusions and removal of the spleen. Orkin has received international acclaim for his work in this area and on other hematologic diseases.

The Helmut Horten awards are presented every two years to support efforts that serve the health of mankind.



William New

New named vice president

William New was appointed vice president for Research Administration at Children's in October. New oversees Research Affairs' functions and works closely with the Research Executive Committee in strategic planning for the hospital's research activities.

As director of Research Affairs since 1990, New was responsible for research policies and procedures, grant and contract compliance, technology transfer affairs, and research facility and safety oversight. Prior to his tenure at Children's, New was director of Research Administration at New England Deaconess Hospital for two years and an administrative officer at the National Cancer Institute for ten years.

New treatment for CDH developed

Jay M. Wilson, M.D., associate in Surgery, and a team of Children's researchers developed a promising new therapy designed to reduce the mortality rate for patients born with congenital diaphragmatic hernia



Jay M. Wilson, M.D.

(CDH). CDH is a condition in which one of the organs in the abdomen protrudes through a hole in the diaphragm and hinders heart and lung development. Twenty-five percent of newborns with CDH die.

Based on earlier studies, which showed that when the tracheas of fetal animals were blocked, the trapped lung fluid caused increased lung growth, Wilson attempted to prevent the need for prenatal surgery by mimicking the effects of prenatal lung fluid after birth. In laboratory tests, Wilson discovered that when newborn lungs are filled with the chemical perfluorocarbon, which is used to treat respiratory distress, the lung tissue stretches, enhancing growth while still maintaining ventilation.

Clinical trials for newborns with CDH began in the summer of 1995.

Study finds possible SIDS cause

In the Sept. 8 issue of *Science*, Hannah C. Kinney, M.D., neuropathologist in Pathology, and colleagues published a study identifying a cell defect that may contribute to sudden infant death syndrome (SIDS), the leading cause of infant death in the United States. In a comparison of brain tissue from infants who died of SIDS and a control group who died of known causes, Kinney found that many of the SIDS victims had an abnormality in the binding of muscarinic cholinergic

receptors in the arcuate nucleus, a region of the brain that is thought to control cardiopulmonary function. Faulty binding may hamper the mechanism that detects respiratory and cardiopulmonary distress and the initiation of protective reflexes during sleep.

Critical Care Laboratories established

Dedicated to investigating at molecular and cellular levels conditions that arise in critically ill patients, such as brain swelling and heart and lung cell injury, Children's formed the Critical Care Research Laboratories in November 1994. Comprised of a multidisciplinary team of nine researchers and clinician-researchers, including anesthesiologists, critical care intensivists, nephrologists, neuroscientists, and pulmonologists, the laboratories collaborate to gain insight into critical care issues that confront care givers on intensive care units every day. The team is led by Kevin Strange, Ph.D., research associate in Anesthesia and Medicine (Nephrology), and is one of the few such critical care research groups in the country.



Members of the Critical Care Research Laboratories, back row, from left, Francesco Emma, M.D., Michael L. McManus, M.D., Paul Jackson, Laura M. Ibsen, M.D., Kevin Strange, Ph.D., and Francis X. McGowan Jr., M.D. Front row, from left, Matthew M. Hand, D.O., Christine Porter, Kevin B. Churchwell, M.D., and Rebecca Morrison.

Institutional Highlights



Rudman J. Ham

Ham retires after 39 years of service

In June, members of Children's family gathered to honor Rudman J. Ham, vice president for Operations, who retired after 39 years of dedicated service to the hospital and community. Receptions were held in his honor and, because of his long-time involvement with the Prouty Garden Committee, the newly refurbished garden terrace will bear a plaque recognizing his service. Ham remains active at Children's as a member of the Board of Overseers and maintains relationships with the community organizations that he built during his tenure.

Children's president leads COBTH domestic violence awareness effort

In an effort to heighten public awareness of domestic violence, the Conference of Boston Teaching Hospitals (COBTH) convened a Family Violence Task Force to explore how Boston's teaching hospitals can better answer the needs of victims of domestic violence. Children's President David S. Weiner was appointed chairperson of the task force, which is developing strategies to integrate and better coordinate the work of hospitals around

domestic violence issues with that of community service providers, such as the Massachusetts Coalition of Battered Women Service Groups and its member organizations, the police, and district attorneys' offices.

Children's chosen best hospital

For the sixth consecutive year, Children's Hospital ranked higher than any other pediatric institution in the country in the annual hospital survey published by *U.S. News & World Report* in July. Physicians surveyed selected Children's as one of the best hospitals in the nation.

Tufts Health Plan contract signed

Children's and Tufts Health Plan signed a full-service contract in October, allowing members of Tufts Health Plan the option of choosing Children's as their pediatric health care provider for hospital-based pediatric care, and Tufts Health Plan-affiliated physicians may now refer patients to Children's specialty services. The full-service agreement expands access to Children's services and care givers to a larger portion of Massachusetts' pediatric population.

Program addresses stresses on children

In February, friends of the hospital gathered at the Longwood Galleria for a special program entitled "What's the world out there like for kids today?" The evening's featured speakers included Judith S. Palfrey, M.D., chief of the Division of General Pediatrics, who talked about the stresses children in all communities face today; Eli H. Newberger, M.D., director of the Family Development Program, who talked about the violence to which children are exposed; and John W. Graef, M.D., chief of Harvard Pilgrim Health Care Services at Children's and former director of Children's Lead and Toxicology Program, who discussed environmental hazards youngsters face in their homes and communities. The program was one in a series of talks held periodically for friends of the hospital to provide information and guidance on a variety of children's health care issues.

Father George retires as chaplain

After 13 years of service as hospital chaplain, Father George Gardner retired in the spring of 1995. A dedicated and caring friend to many, Father George was honored by patients, families, employees, staff, and volunteers at a farewell ceremony held in June. Among his many contributions to Children's community, Father George will long be remembered for his gentle support and inspiration to individuals of all faiths.



Father George, right, accepts a retirement gift from Paul Hcanuc, Children's volunteer.



Joseph M. Carrillo, M.D., executive director of Martha Eliot Health Center, responds to a question from WBZ-TV health reporter Lauren Scott.

Children's, HCHP go on the air

On March 23, Children's Hospital and Harvard Community Health Plan (HCHP) co-sponsored a physician-staffed, call-in program entitled "Ask the Pediatrician" on WBZ-TV. Pediatricians from Children's, HCHP, and pediatric practices closely associated with Children's spoke with WBZ-TV viewers who placed nearly 6,000 calls about general pediatric health care issues during the 4-hour show.

Children's, Boston City hospitals combine residency training programs

In October 1995, Children's and Boston City hospitals announced that they will merge their pediatric residency training programs into the Boston Combined Residency Program in Pediatrics, beginning July 1, 1996. Initiated by David G. Nathan, M.D., Children's former physician-in-chief, and Barry Zuckerman, M.D., chairman of the Department of Pediatrics at Boston City Hospital (BCH), the collaboration is designed to better prepare pediatricians for changes in the delivery of health care by combining the individual strengths of the two training programs.

The program will offer two tracks, both with general pediatrics as the core curriculum. The Primary Care Track, based at BCH, will emphasize primary, preventive, and continuity care. The Categorical Track, based at Children's, will emphasize tertiary, or subspecialty, care. House staff will rotate through both hospitals and the eight neighborhood health centers that make up Boston City Hospital's HealthNet.



Financial counselor Elizabeth Garcia, left, advises Rosalyn Gifford on payment options for the care her son, David, 4, receives at Children's.

Financial counselor program extended to outpatient settings

Children's opened an office in Emergency Services in June to help families who have no insurance or who are underinsured find ways to pay for their child's emergency care. The program is designed to benefit both families and the hospital: Families learn about available financial resources or payment plans, and the hospital faces fewer unrecoverable patient care expenses. Financial counselors inform families without health care insurance about available resources, such as Medicaid and Children's free care program; they also work out payment schedules with families, allowing the families to reimburse the hospital over time.

The program in Emergency Services follows successful implementation of a program for inpatient units in the fall of 1994. Emergency Services was chosen as the ambulatory pilot site by an interdisciplinary task force charged with identifying ways to reduce the hospital's bad debt. The program will be extended to other ambulatory service areas in 1996.

Clinical systems project initiated

Based on the results of a planning study and supported by the hospital's Board of Trustees in 1995, Children's has begun developing an Integrated Clinical

Systems (ICS) project designed to fit the operations of the hospital and meet its information needs into the next century. The ICS will combine the various computer operating systems used to enter orders, report results, schedule and coordinate appointments, and collect patient demographic and insurance information using an integrated, user-friendly system. When fully implemented, the ICS will enhance coordination of patient information internally as well as with primary care physicians who refer patients to Children's.

A project team, led by Judy Shaw, B.S., R.N., project manager in Information Services (IS), and comprised of users throughout the institution, evaluated and selected appropriate vendors whose systems would effectively interface with the hospital's current computer environment. The next phase of the project is being led by Lynn Bowen, B.S., R.N., program manager in IS, and is focused on implementation of the ICS.

Children's changes phone number

In March 1995, Children's main telephone exchange was converted from 735 to 355. All four-digit extensions remained the same. The change was necessary because of the growth in demand for telephone numbers at the hospital that could not be supported by the limited supply of numbers in the 735 exchange.

Patient and Family Garage opens

After 18 months of construction, the Patient and Family Garage, located across from the hospital's Main Entrance on the corner of Blackfan Street and Longwood Avenue, opened in January 1996. Designed for enhanced safety and ease of access, the new facility makes visits to Children's more convenient for patients and families. For the enjoyment of young patients, each floor is decorated in an original wild kingdom theme, including murals of pandas, giraffes, and zebras. The Patient and Family Garage replaces the 30-year-old Blackfan Garage, which is being torn down.

To further expand service to patients, families, and visitors, Children's now offers valet parking service Monday through Friday, 7 a.m. to 7 p.m.

Information system nominated for Computerworld-Smithsonian Award

Children's Hospital was nominated for a Computerworld-Smithsonian Award, the most prestigious award in the information technology industry. Children's was nominated in the category of medicine for the development of the hospital's clinical data repository, a unique and highly secure computer system for all hospital records of clinical activity, including admissions, procedures, and ambulatory visits.

Children's was one of approximately 50 organizations worldwide nominated in the medicine category. Information about Children's clinical data repository will become a part of the Smithsonian Institute's permanent archival research collection.

New service aids referring physicians

In June, Children's began offering telephone and on-line services to community-based physicians as part of ongoing efforts to enhance communications between the hospital and referring physicians. Children's Connect Line for physicians is answered by Patient Relations and Family Resource Center staff. The service assists pediatricians and family practitioners in reaching Children's physicians, expediting appointment scheduling in outpatient programs, and helping to determine appropriate specialty programs for referred patients.

The telephone number for Children's Connect Line is 1-800-355-7944. Referring physicians linked to Children's All-In-1 electronic messaging system may send inquiries via e-mail to CONNECT; the Internet address is connect@a1.tch.harvard.edu.

New QI Structure implemented

In an effort to better integrate quality improvement (QI) into the daily work of patient care at Children's, QI took on a new structure in the spring of 1995. A new Patient Care Committee, which replaced the Continuous Improvement Committee, was convened to ensure that care is delivered in a manner consistent with the hospital's mission and goals, and to support quality improvement efforts throughout the hospital. Program-based committees that assess, monitor, and improve patient care using quality improvement processes have been established in several clinical areas. The committees are comprised of staff who are involved in or support patient care.

Connie Crowley Ganer, M.S.N., R.N.C., director of Nursing Staff Development, Research, and Quality Improvement, and Donald A. Goldmann, M.D., senior associate in Medicine (Infectious Diseases) and medical director of Quality Improvement, co-chaired the task force that formulated the new structure.

Hancox named vice president for Administration and Human Resources

Susan C. Hancox was appointed to the position of vice president for Administration and Human Resources at Children's that was created in early 1995. In this role, Hancox oversees all hospital Human Resources functions as well as Environmental Services, Hospital Engineering, Materials Handling and Purchasing, Nutrition and Food Service, Parking and Transportation, and Security. Hancox is also a member of the hospital's Operating Committee.



Susan C. Hancox

Before coming to Children's, Hancox served as vice president for Operations and Human Resources at Boston University Medical Center's University Hospital (UH) from 1991 to 1994, and before that as vice president for Human Resources at UH.

Community News



Rudman J. Ham, Children's former vice president for Operations, center, speaks at the groundbreaking ceremony for the new Martha Eliot Health Center.

MEHC construction gets underway

At a press conference on Sept. 26, Boston Mayor Thomas Menino announced the completion of the financing necessary to begin development of a five-acre parcel owned by the city that will house the hospital's new Martha Eliot Health Center (MEHC) and a Stop & Shop superstore, the first new inner-city supermarket in nearly 20 years. MEHC is a neighborhood health center owned and operated by Children's that offers comprehensive family-centered primary care to children, adolescents, and adults. The site is located adjacent to the Bromley Heath housing development on Centre Street in Jamaica Plain, current home to MEHC. The new two-story, 25,000 square-foot facility will provide handicapped accessibility, additional clinic space, and larger, brighter waiting rooms.

Community Benefits director appointed

Carolyn Singleton, M.P.H., was named director of the hospital's Community Benefits program in March. Formerly the administrative manager for several ambulatory surgical programs at Children's, Singleton is assessing existing hospital programs and the health needs of

children and adolescents in the local community to determine how Children's resources can best be allocated to meet those needs through financial support, community partnerships, and ongoing programs. Singleton also is a member of the hospital's Community Benefits Advisory Board, which is comprised of representatives from the community, hospital staff, and members of Children's Board of Overseers.

In addition, Singleton participates in a number of hospital and community-based groups, including the Conference of Boston Teaching Hospitals' Community Benefits Staff Group and Trustee Subcommittee, the Alliance for Community Health Operations Committee, the Roxbury Alliance for Health, and the Jamaica Plain Planning Group.



Carolyn Singleton, M.P.H.

Community Benefits Advisory Board addresses public health problems

A Community Benefits Advisory Board was established in 1995 to identify ways Children's resources can augment, support, or develop community health initiatives to improve the health of the city's children. The board is chaired by Deborah C. Jackson, vice president for Network Development and Community Services.

The advisory board has defined its target community as children and adolescents living in poverty in Boston, with a special emphasis on youngsters in the neighborhoods of Mission Hill, Bromley Heath, and Jamaica Plain. The board is focusing its initial efforts on three critical areas: violence prevention and youth development; substance abuse and HIV/AIDS; and injury prevention. Three subcommittees have been formed to recommend strategies such as education, advocacy, and direct services in partnership with community-based organizations.

Children's staff on the board include M. Laurie Cammisa, director of Government and Community Relations; Joseph M. Carrillo, M.D., executive director of Martha Eliot Health Center; Helen Clinton, L.I.C.S.W., director of Social Work; Anne Barrett Dodwell, M.S.N., R.N., director of Ambulatory Services; Durrell Fox, outreach and service coordinator, Boston HAPPENS; Judith S. Palfrey, M.D., chief of the Division of General Pediatrics; Carolyn Singleton, M.P.H., director of Community Benefits; Joan Westbrook, community health liaison; and Paul Wise, M.D., M.P.H., assistant in Medicine (Newborn Medicine) and director of the Harvard Institute for Reproductive and Child Health.

Community members of the advisory board include Nader Acevedo, assistant vice president at Shawmut Bank; Gary Bailey, M.S.W., executive director of Parents' and Children's Services; Karen Daniels, teacher at Boston Latin School and Children's Hospital overseer; Alissa Ellies, member of Mission Hill Healthy Boston Coalition; Mildred Hailey, executive director of Bromley Heath Tenant Management Corporation; Rudman J. Ham, former vice president for Operations at Children's and Children's overseer; Tracey Hunt, co-chair of the Fenway Family Neighborhood Coalition and the Fenway Community Development Corporation; Robert Lewis Jr., Boston site director of City Year; Julia Ojeda, prevention specialist at the Massachusetts Prevention Center; and Joan Wallace-Benjamin, Ph.D., president of the Urban League of Eastern Massachusetts.



From left, Stephen B. Kay, chairman of the Board of Trustees of Beth Israel HealthCare, Carrie Mui, South Cove Community Health Center board president, and Deborah C. Jackson, Children's vice president for Network Development and Community Services, at the ribbon cutting ceremony for the center's opening. Physicians providing adult medical services at South Cove are on staff at Beth Israel Hospital.

Children's teams up with South Cove

As part of the hospital's efforts to support important community initiatives, in August Children's established a referral relationship with South Cove Community Health Center's new satellite center in Quincy, Mass. South Cove, which also has a health center in Boston's Chinatown and is a regional health care provider to the Asian population, opened a center to meet the health care needs of the growing Asian community in Quincy. In addition to being the primary pediatric referral hospital for the Quincy center, Children's is working with South Cove to identify and support new health services that meet the needs of the community.

Children's center to open in Chelsea

In 1995, Children's Hospital announced plans to join Beth Israel HealthCare in the opening of Beth Israel HealthCare and Children's Hospital Medical Care Center North in Chelsea, Mass. The new center will offer adult and pediatric primary care and adult specialty care, including obstetrics and gynecology, physical therapy, and radiology. Through this center, families in Chelsea and surrounding communities such as Everett, East Boston, Revere, Malden, Saugus, and Winthrop will have convenient access to pediatric and adult care in one location.



Rita Merola, left, and her son, Assante, 2, who receives speech and language therapy from Gretchen Shroeder, speech-language pathologist, through Children's Community Early Intervention Program

Children's, Mission Hill community collaborate on early intervention

Children's Community Early Intervention Program was opened in Mission Hill in late 1994 to offer services and support related to the development of children from birth to 3 years of age to families in the neighborhood surrounding the hospital. The program is designed for children with conditions such as spina bifida or Down syndrome, or who have physical challenges and speech and language problems that place them at risk for developmental delays. The goal of early intervention is to provide families whose children have medical complications and who may be coping with other social and economic issues with resources to help their children achieve their full potential.

Members of the Mission Hill Community Board played an integral part in establishing the center in their neighborhood, helping to ensure that the program's services effectively meet the needs of families in the community.

Family Friends Program created

In February, Children's teamed up with Action for Boston Community Development, Inc. to develop the Family Friends Program, which pairs senior citizens with children in the Boston area who have chronic illnesses or disabilities. Adults aged 55 and over are

trained to provide companionship to children through a variety of activities, including reading and storytelling, arts and crafts, and visits to local historical and cultural sites.

The program, which is funded by a three-year grant from the U.S. Administration on Aging and Children's Hospital, is coordinated by Children's Division of General Pediatrics.



Timarce Bierle, R.N., Family Friends Program training coordinator, standing, prepares Ken Chu King, far right, and Jimmie Beverly to become "family friends."

Medical Staff News



Judith S. Palfrey, M.D., and Adrianna Washington, 4, of Revere, Mass.

Palfrey assumes Brazelton Chair

Judith S. Palfrey, M.D., chief of the Division of General Pediatrics, was named the first incumbent of the T. Berry Brazelton Chair in Pediatrics at Harvard Medical School and Children's Hospital in July. Palfrey, a Children's staff member since 1974, has been a leader in finding appropriate care and support for children and families facing increasing stress in today's society. She is the principal investigator for Project School Care, a program that facilitates the transition from the hospital to the school setting for children dependent on medical technologies, and helped establish the Dyson Fellowship Program in pediatric advocacy, which supports pediatric clinical research and training in public policy.

T. Berry Brazelton, M.D., senior associate in Medicine (General Pediatrics) and director emeritus and founder of the Child Development Unit at Children's, is a nationally recognized pioneer in the field of early childhood development.

DuRant, Emans elected to national adolescent medicine leadership posts

In 1995, Robert H. DuRant, Ph.D., and S. Jean Emans, M.D., co-chiefs of the Division of Adolescent/Young Adult Medicine, assumed leadership roles in the Society for Adolescent Medicine.

DuRant, a medical sociologist, was elected president of the Society for Adolescent Medicine. He is the first non-physician to be elected president of the national society. Emans was named the society's 1995 Wyeth-Ayerst Visiting Professor. In this capacity, she lectured to house staff, faculty, and nursing staff throughout the country about the special needs and concerns of adolescents and young adults. Emans also was elected to the society's Board of Directors for a three-year term.

The Society for Adolescent Medicine is the only national organization whose primary purpose is to promote the health and well-being of adolescents.



William R. Beardslee, M.D.

New psychiatrist-in-chief appointed

In April, the hospital's Board of Trustees appointed William R. Beardslee, M.D., senior associate in Psychiatry and clinical director of the Department of Psychiatry, as the hospital's new psychiatrist-in-chief. He has also been appointed the George P. Gardner-Olga E. Monks Professor of Child Psychiatry at Harvard Medical School. Beardslee had been acting chief of the department since the retirement of Psychiatrist-in-Chief Stanley Walzer, M.D., in July 1994.

Beardslee's contributions to the field include studies on the development of children at risk for depression because of severe parental mental illness and on the protective effects of family-based educational programs in enabling youngsters and adults to cope with adversity. He is a member of the Institute of Medicine's Committee on the Prevention of Mental Disorders.

Reception held to honor Crocker

Allen C. Crocker, M.D., senior associate in Medicine (General Pediatrics) and director emeritus of the Developmental Evaluation Center (DEC), was honored by patients, families, and colleagues at a Festival Celebration in December for his dedication to and advocacy for individuals with developmental disabilities or mental retardation.

During his clinical career, which has spanned nearly half a century, Crocker helped establish Children's as one of the first centers for the federally funded University Affiliated Program network, which trains professionals in the field of developmental disabilities. In 1967,

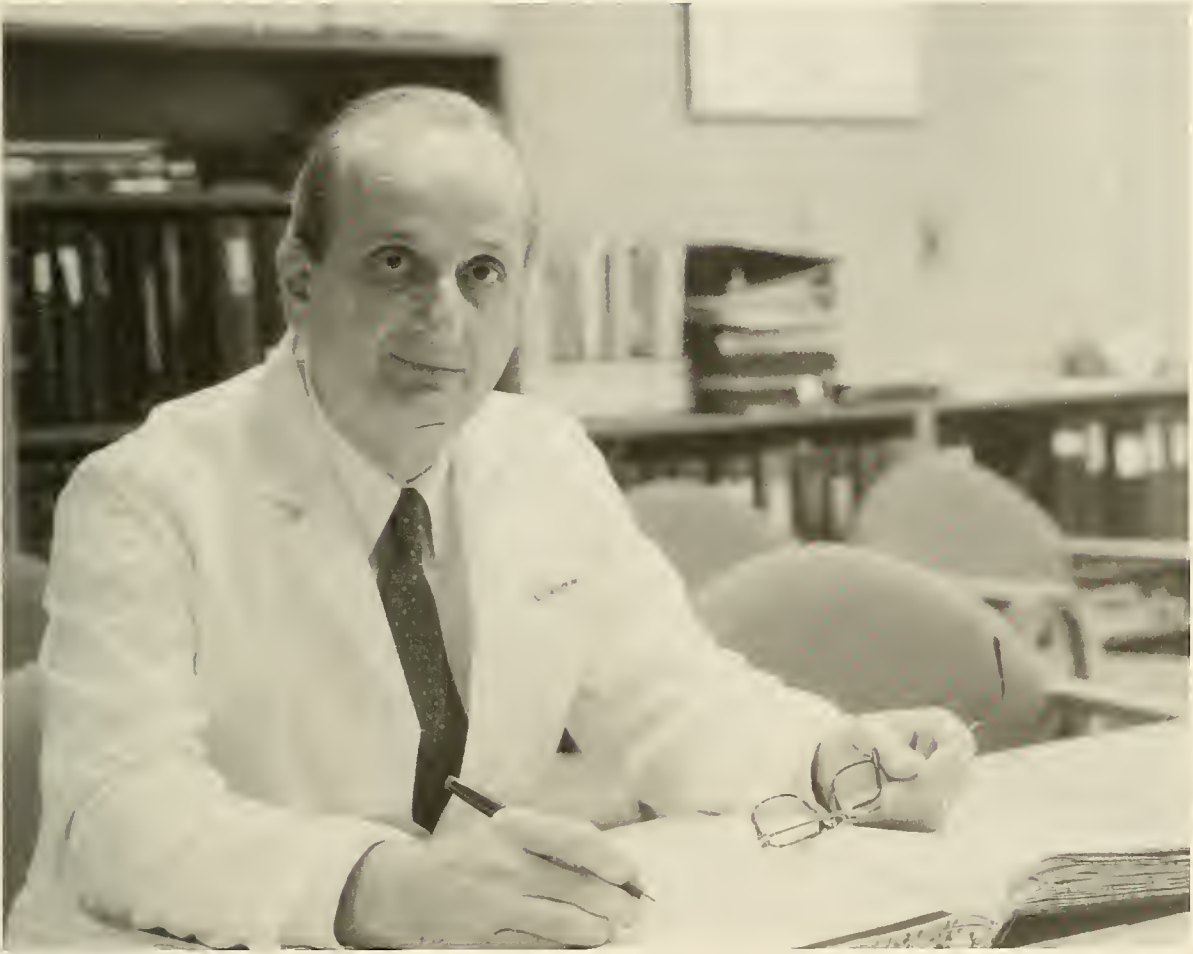
Crocker founded the DEC, a multidisciplinary program that cares for children with developmental disabilities, and in 1978 co-founded the New England Regional Genetics Group to further the understanding of inherited diseases. Crocker was selected in 1993 to join the Governor's Commission on Mental Retardation in Massachusetts to monitor the quality of services the state provides to citizens who are mentally retarded. His friends gathered to thank him for a career of exemplary service and leadership.



Alan B. Retik, M.D.

Retik receives AAP urology award

In October 1994, Alan B. Retik, M.D., chief of the Division of Urology, was awarded the Pediatric Urology Medal of the American Academy of Pediatrics (AAP). The award is conferred each year on a member of the academy who is recognized for significant contributions to the field of pediatric urology. Retik's contributions include establishment of the first free-standing laboratory for fundamental research in pediatric urology, located on Enders 11, and development of one of the first training programs in pediatric urology. Arnold H. Colodny, M.D., associate chief of the Division of Urology, presented the award to Retik at the annual meeting of the Section on Urology of the American Academy of Pediatrics in Dallas.



Judah Folkman, M.D.

Folkman receives award from Bristol-Myers Squibb

Judah Folkman, M.D., senior associate in Surgery and director of the Surgical Research Laboratories, was named the recipient of the 18th annual Bristol-Myers Squibb Award for Distinguished Achievement in Cancer Research in April for development of the field of angiogenesis. Folkman was the first to theorize that tumors form and metastasize by means of angiogenesis, the stimulation of new blood vessel growth, and his laboratory has continued to make major contributions to the field, including the discovery of several angiogenesis inhibitors that are now in clinical trials for treatment of breast and prostate cancer and hemangiomas.

The Bristol-Myers Squibb Company Grants and Awards Program honors outstanding achievement in the fields of cancer, nutrition, orthopaedics, neuroscience, cardiology, and infectious disease research.

Burroughs Wellcome grants awards

Michael Eck, M.D., Ph.D., research associate in Medicine (Infectious Diseases), Todd R. Golub, M.D., assistant in Medicine (Hematology/Oncology), and Louis J. Muglia, M.D., Ph.D., assistant in Medicine (Endocrinology), were three of six physicians chosen nationwide as recipients of the prestigious Burroughs Wellcome Fund Career Award in May to support their continuing research in the biomedical sciences. The fund is a private, nonprofit foundation dedicated to supporting research and other scientific and scholarly activities, and grants 12 awards annually to M.D.s and Ph.D.s in the United States and Canada.

Eck is researching the structural biology of infection-fighting T cells' signal transduction; Golub is looking for the genes responsible for childhood leukemia; and Muglia is researching hormonal control of the stress response.



Robert K. Rosenthal, M.D.

Rosenthal named AACPDM president

Robert K. Rosenthal, M.D., associate in Orthopaedic Surgery, was elected the 50th president of the American Academy for Cerebral Palsy and Developmental Medicine (AACPDM) for 1995-1996. Rosenthal is the fifth physician from Children's to serve as president of the AACPDM. The other four presidents from Children's were Bronson Crothers, M.D., William T. Green, M.D., William Berenberg, M.D., and Henry Banks, M.D.

Walker receives Shwachman Award

W. Allan Walker, M.D., chief of the Division of Gastroenterology/Nutrition, received the 1995 Shwachman Award from the North American Society for Pediatric Gastroenterology and Nutrition (NASPGN) at the society's annual meeting in Chicago in November. The award honors physicians and scientists who have made lasting contributions to the care of infants and children with gastrointestinal, liver, and nutritional disorders.

Chief of the division since 1983 and one of the founders of NASPGN, Walker was recognized for his research on infant nutrition and infection, and his training over the last 20 years of more than 60 clinical and research fellows. First bestowed in 1987, the prestigious award is named for the late Harry Shwachman, M.D., a Children's physician and pioneer in the field of malabsorption and cystic fibrosis who made contributions to the discipline of pediatric gastroenterology throughout his career.

In memoriam: J. Roswell Gallagher, M.D. 1903-1995



J. Roswell Gallagher, M.D., chief emeritus of Children's Adolescent Unit, the predecessor to the Division of Adolescent/Young Adult Medicine, died of cancer on Nov. 10 at the age of 92.

Known as the founder of adolescent medicine, Gallagher was recruited by Children's in 1951 to lead the nation's first program dedicated to the care of adolescents and held his position as chief of the Adolescent Unit at Children's until his retirement in 1967. Gallagher began his career as school physician at the Hill School in Pottstown, Penn., and then at Phillips Academy in Andover, Mass.

Gallagher's leadership established a program at Children's that became the model for the care of adolescent patients, a population whose special medical and emotional needs had previously not been recognized as unique. Trainees from Children's Adolescent Unit under Gallagher's mentorship went on to found clinics and direct adolescent programs in hospitals around the country and abroad. Gallagher also wrote the first textbook devoted to adolescent medical conditions, including acne, athletic injuries, contagious diseases, growth and nutrition issues, learning disabilities, and psychological and behavioral problems.

Nursing/Patient Services News



Big Apple Circus clowns Nurse B.B., left, and Dr. Dollee visit Matthew Franco, 10, of Brookline, Mass.

Children's sends in the clowns

In November, Children's welcomed the Big Apple Circus Clown Care Unit® (CCU) to the hospital's programs, working in cooperation with Child Life Services. Four Boston-area professional clowns, specially trained in the needs of hospitalized children, visit several inpatient units each week. Using juggling, mime, music, and magic, the clowns bring their medical humor to the bedside and bring joy and laughter to patients, families, and staff.

The Big Apple Circus CCU®, founded by professional clown Michael Christensen, has been operating in several New York City general hospitals for nearly 10 years. The program at Children's is the first outside the New York metropolitan area. Children's CCU clowns include Nurse B.B., Dr. Dollee, Dr. Twist, and Dr. Funovitch. Three days a week, a pair of clowns visits patients in general medical and surgical inpatient units, intensive care units, and the outpatient dialysis unit.

Children's hosts ACCH conference

Children's was one of four host hospitals for the Association for the Care of Children's Health's (ACCH) 30th anniversary conference, "Healing Health Care: Transcending the Psychosocial," held May 28 to 31 at the Westin Hotel. ACCH is an international organization of administrators, chaplains, child life specialists, nurses, parents, social workers, and others committed to supporting children with acute and chronic illnesses and their families. The multidisciplinary group addresses the developmental, emotional, social, and spiritual needs of children and families in health care settings.

A number of Children's staff lectured at the conference. In addition, Children's Department of Child Life Services coordinated a speaking program at the hospital for attendees, featuring Susan Shaw, M.S., R.N., director of Nursing/Patient Services Management Support, who discussed the hospital's integrated care delivery model, followed by a luncheon with round-table discussions and tours of the hospital.



Above: Barney performs for Children's patients in the Patient Entertainment Center.

Below: John Kelleher performs in the Patient Entertainment Center.

Stars and old favorites visit PEC

Smiles abounded in the Patient Entertainment Center (PEC) throughout 1995, as visiting performers sang and danced their way into the hearts of patients, families, and staff. Highlights during the year included a performance by three-time Grammy Award winner Sheryl Crow, who sang hits from her most recent recording, and a visit from Barney, the famous purple dinosaur, who performed his well-known routine as delighted patients and siblings sang along. Other performances organized by Volunteer Services during the year included PEC favorites such as magician John Bonaparte and singer John Kelleher, who performs at the WBZ-Children's Hospital Telethon each year.



Children's-DSS liaison nurse appointed

In May, Children's Child Protection Program and the Boston Region of the Department of Social Services (DSS) announced the creation of a DSS-Children's Hospital liaison nurse position. The position, now held by Deborah A. Lenza-Strachman, B.S.N., R.N., a former public health nurse advisor for DSS and nurse with Children's Pediatric Group Associates, assists the teams with discharge planning and home placement options for children in the Boston Region who are at risk for abuse and neglect. Lenza-Strachman is also collaborating with community agencies and health organizations to support the delivery of high-quality health care and social services to at-risk patients and their families.

O'Connor given Shairs scholarship

Karen O'Connor, B.S.N., R.N., staff nurse II on the Cardiac Intensive Care Unit (CICU), was the 1995 recipient of the Joshua Tyler Shairs Cardiac Scholarship. O'Connor has worked on the CICU since 1992 and is working toward a graduate degree in nursing administration at Northeastern University.

The \$1,000 scholarship, established in 1990 by the family of Joshua Tyler Shairs, a Children's cardiac patient who died in 1987, is awarded annually to a Children's nurse working in one of the hospital's inpatient or ambulatory cardiac programs.

Volunteer roster grows in 1995

In 1995, 472 new volunteers joined Children's team of men and women who donate their time each week to enhance the hospital experience for patients and families and to provide extra operational support to the hospital. A total of 917 volunteers provided 83,247 hours of donated time last year.

Volunteers staff the information desks and Family Resource Center, and transport patients to appointments throughout the hospital and to the Patient Entertainment Center. Unit-based volunteers visit the same inpatient unit each week, allowing them to get to know regular and long-term patients and families. Responding to the increase in patient volume in Ambulatory Services in 1995, volunteers have increasingly been assigned to ambulatory programs where they provide activities for patients and siblings in clinic waiting areas.

Trustee and Overseer Activities



George H. Kidder, chairman of the Board of Trustees, and Chairman's Award recipient Bess Pappas

Changes in the hospital's management structure in 1995 were reflected in a number of changes to the composition of the Board of Trustees. To facilitate greater participation of Children's medical staff in the management and governance of the hospital, two new physician positions were added to the board. Donald R. Kirks, M.D., radiologist-in-chief and chairman of the Executive Committee of the Physicians' Organization, and John E. Mayer Jr., M.D., senior associate in Cardiovascular Surgery, were elected to the board in March. In addition, Michael F. Epstein, M.D., who was appointed executive vice president and chief operating officer in January 1995, was also elected to the Board of Trustees in March. Epstein and Kirks are members of the hospital's Operating Committee.

David G. Nathan, M.D., former physician-in-chief and a member of the Board of Trustees since 1985, resigned from the board in October when he left Children's to assume the position of president and chief

executive officer at Dana-Farber Cancer Institute. Anne E. Dyson, M.D., also stepped down from the board in 1995.

In recognition of their many contributions to the hospital, 13 new members were named to Children's Board of Overseers. They are: Peter Bernon, Harry Daniels, Karen Daniels, Deborah Goldberg, Catherine Kobren, Eric Kobren, Ralph C. Martin II, Robert Radloff, William J. Shea, Laura Wernick, Brad Whitford, Karen Whitford, and Michael Winter.

On April 19, more than 300 members of the hospital family gathered for the Annual Dinner at the Four Seasons Hotel. The evening's featured speaker was Stuart Altman, Ph.D., the Sol C. Chaikin Professor of National Health Policy at Brandeis University's Florence Heller Graduate School for Social Policy, who discussed efforts at the national level to restructure health care. Many individuals who have made longstanding contributions to the hospital were honored at the dinner,



Aldo R. Castaneda, M.D., Ph.D., left, and Angelo J. Eraklis, M.D., associate in Surgery and director of the Office of International Affairs

including Aldo R. Castaneda, M.D., Ph.D., former surgeon-in-chief and cardiovascular surgeon-in-chief; Rudman J. Ham, retired vice president for Operations; and Bess Pappas, longtime volunteer, hospital overseer, and founder of the Hellenic Cardiac Fund for Children, who received the Chairman's Award for volunteer service.

Also honored were retiring physicians John F. Crigler Jr., M.D., senior associate in Medicine (Endocrinology) and chief emeritus of the Division of Endocrinology, and John Shillito Jr., M.D., senior associate in Neurosurgery. Allen C. Crocker, M.D., senior associate in Medicine (General Pediatrics), who stepped down in 1994 from his position as director of the Developmental Evaluation Center, was also honored.

The Annual Tour and Briefing, held on Oct. 10, brought together donors, trustees, overseers, and other friends of the hospital for a speaking program on Children's future direction in the changing health care

environment. Following President David S. Weiner's opening remarks, Michael F. Epstein, M.D., executive vice president and chief operating officer, and Deborah C. Jackson, vice president for Network Development and Community Services, discussed the steps Children's is taking to preserve high-quality, cost-effective care for all children in the face of new marketplace demands. After the speaking program, guests were invited on a tour of the Short Stay Unit, a novel care delivery service implemented in 1994 for patients with illnesses that generally require fewer than 72 hours in the hospital.



David S. Weiner and John Shillito Jr., M.D.

Children's Hospital League Activities



Festival chairmen, from left, Laura Wernick, Madeleine Jacobson, and Charlotte Vena

Last year, the Children's Hospital League continued its tradition of generosity to the hospital by donating more than \$400,000 in support of patient services and research programs. This generous support was made possible through a number of activities conducted by the League for the benefit of the hospital.

In June, the League Thrift Shop relocated from Jamaica Plain to 380 Washington St. in Brighton. The shop continues to offer second-hand paintings, furniture, books, and antiques; each Monday, Filene's Basement and TJ Maxx donate new clothing to be sold. With its more visible location, the Thrift Shop is attracting the steady patronage of its new neighbors.

Other fund-raising activities during the year included the sale of AIDS pins to support the Children's Hospital AIDS Program and the Celebrity Snowflake Brunch at Henrietta's Table in the Charles Hotel. At the brunch, guests bid on celebrity snowflakes autographed by music industry and film stars, including Clint Eastwood, Whoopi Goldberg, Billy Joel, and Meryl Streep. The Charles Hotel donated a portion of the brunch's proceeds to the League.



A tree decorated by a local designer graces the lobby of the Westin Hotel.



Council members gather at a fund-raising event at Maison Robert in February.

On Nov. 9, Giorgio Armani sponsored a cocktail party at its Newbury Street store as a kick-off for the League's 1995 Festival for Children's Hospital.

The 13th annual Festival, the Children's Hospital League's largest fund-raising event, returned to the Westin Hotel at Copley Place last year. The Festival, held on Dec. 2 and chaired by Madeleine Jacobson, Charlotte Vena, and Laura Wernick, featured the traditional sale of decorated trees, wreaths, and gingerbread houses donated by local floral and interior designers, a silent auction, and dinner and dancing. On Family Day, Dec. 3, the trees, wreaths, and gingerbread houses remained on display in the Westin lobby, enabling children and adults alike to enjoy their splendor and creativity. Storytelling, face painting, and other activities were also organized for families.

The League's fall open board meeting on Oct. 24 featured a talk by David G. Nathan, M.D., Children's former physician-in-chief, who spoke about his recently published book, *Genes, Blood, and Courage: A Boy Called Immortal Sword*, and his years of work with thalassemia patients.

The Council, a division of the Children's Hospital League established in 1994, had a very successful year. Council members include young men and women from the local community dedicated to raising funds for Children's through a variety of social activities. Events organized by the Council to benefit the hospital were held at the Commonwealth Brewery, Cornucopia, Gallery Mourlot, Maison Robert, Mercury Bar, Papa-Razzi, and the Westin Hotel. In 1995, the Council contributed almost \$12,000 to support patient services at Children's.

WBZ–Children's Hospital Fund Highlights



WBZ fans come from all over New England to participate in the WBZ Farmstand for Children's Hospital.

The WBZ–Children's Hospital Fund finished its 15th season with a record total of \$890,000. Each year the staff at WBZ-TV and WBZ Radio take on the fund drive as a major station commitment, and their enthusiastic support on the air attracts thousands of loyal donors.

On Sept. 16, the fund was kicked off by the 13th annual Farmstand for Children's Hospital. A bright, cool day greeted WBZ fans and Children's Hospital supporters from throughout New England at the Metropolitan District Commission's Artesani Park on Soldiers Field Road. Volunteers gathered at 5 a.m. to display donated produce, baked goods, and crafts that were sold throughout the day. Highlights of the day included the annual breakfast with WBZ personality and Children's Hospital Overseer Dave Maynard, amusement rides, a petting zoo, and live music.

The fund drive culminated in the annual WBZ–Children's Hospital Telethon, held Dec. 16 from 8 to 11 p.m. The television programming featured stories about and

live interviews with children who have received care and support through the many programs and services at Children's Hospital. In addition to the broadcast from the WBZ studio, the telethon aired live from Children's Patient Entertainment Center and the Liberty Tree Mall in Danvers, Mass. The Boston Bruins hosted five Children's patients and family members at a remote WBZ broadcast site at the hockey game at the FleetCenter on Telethon night. Activities at the FleetCenter included a raffle of Bruins tickets and memorabilia, live interviews with Children's patients by WBZ sports personalities, and a check presentation of the raffle proceeds by the Boston Bruins management.

WBZ-TV also aired special segments about Children's on news programs the day before the telethon. DePrisco Jewelers, Filene's, Legal Sea Foods, Inc., New England Development Malls, Toys "R" Us, and Videosmith were among the many area businesses that sponsored activities for the fund.



Above: From left, WBZ personalities Dave Maynard and Liz Walker; Bill Aber, vice president and general manager of WBZ-TV; Ed Goldman, vice president of CBS AM stations; and Children's President David S. Weiner at the conclusion of the 1995 WBZ-Children's Hospital Telethon

Right: Bruins fans and telethon participants Danny Pardi, 8, of Norwood, Mass., left, and Matthew Varrin, 11, of Lexington, Mass., at the FleetCenter



Statistical and Financial Reports



Statistical and Financial Report

Statistics

	1995	1994
<i>Patient:</i>		
Number of licensed beds	325	325
Discharges	16,834	16,752
Patient days	88,052	92,755
Observation days	1,965	1,416
Average stay in days	4.79	5.18
Clinic visits	220,638	208,351 *
Emergency Services visits	51,600	50,908 *
Surgical procedures		
Inpatient	8,147	8,001
Outpatient	6,176	6,088 *
Total	14,323	14,089 *
Radiology procedures	102,908	106,437
Laboratory tests	1,317,743	1,351,000

*restated for 1994

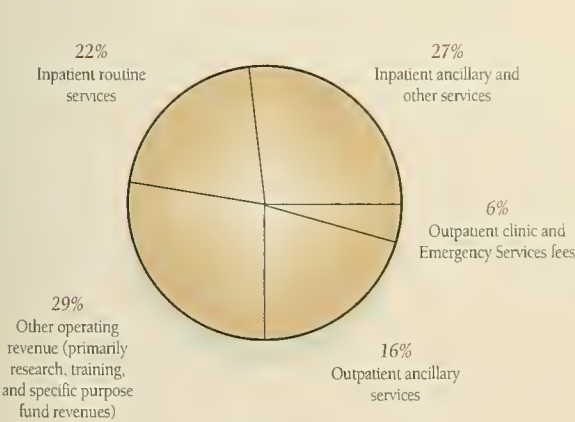
<i>Personnel:</i>		
Active medical staff	642	638
Active dental staff	25	19
Associated scientific staff	198	211
Courtesy staff	262	292
House staff	448	510
Consultants	70	71
Emeriti	34	41
Visiting staff	1	4
Nursing staff	814	835
Other full-time employees	1,874	1,992
Other part-time employees	421	643
Volunteers	917	870

Statement of Revenues and Expenses
and funds used for capital additions years ending September 30, 1995 and 1994 (in thousands of dollars)

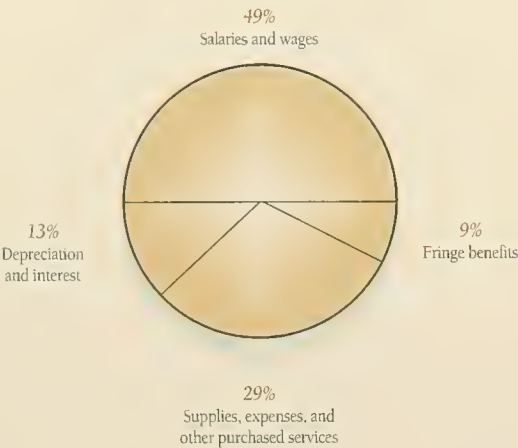
	1995	1994
<i>Revenues:</i>		
Gross patient services revenue	\$325,274	\$324,707
Deductions from patient services revenue	(94,352)	(90,689) *
Net patient services revenue	230,922	234,018 *
Other operating revenue	130,828	106,361
Total operating revenues	361,750	340,379 *
<i>Operating Expenses:</i>		
Salaries and wages	\$129,454	\$135,981
Fringe benefits	24,902	29,965
Supplies and expenses	78,349	75,332 *
Depreciation and amortization	27,790	27,431
Interest	5,782	5,842
Research and training expenses	61,291	56,709
Other specific purpose fund activity	36,660	27,348
Total operating expenses	364,228	358,608 *
Loss from patient care operations	(2,478)	(18,229)
Income from prior-year contractuals	686	12,281
Excess of expenses over revenues	(1,792)	(5,948)
Capital additions	31,351	27,739 *

*restated for 1994

Sources of Revenues



Distribution of Expenses



Condensed Balance Sheet

years ending September 30, 1995 and 1994 (in thousands of dollars)

	1995	1994
<i>Assets:</i>		
General Funds	\$ 95	\$ 382
Current:		
Accounts receivable, net	61,344	64,278
Inventories	2,064	2,147
Prepaid expenses	959	3,595
Total	64,462	70,402
Assets held in trust under long-term debt agreements	15,588	32,748
Plant, property, and equipment at cost less accumulated depreciation	238,364	234,964
Other assets	47,689	44,473
Total	366,103	382,587
Restricted Funds:		
Accounts receivable	33,042	31,822
Total	399,145	\$ 414,409

Liabilities and Fund Balances:

General Funds		
Current:		
Current portion of long-term debt	\$ 4,877	\$ 5,490
Accounts payable and accrued expenses	78,686	74,612
Due to third-party payors	6,978	5,730
Total	90,541	85,832
Long-term debt, excluding current portion	122,387	127,524
Deferred compensation	7,370	6,770
Long-term portion of estimated third-party liabilities	12,681	17,446
Deferred revenue	7,245	8,855
Reserve for medical malpractice	7,734	7,939
Fund balance	118,145	128,221
Total	366,103	382,587
Restricted Fund Balances:		
Specific purpose funds	33,042	31,822
Total	399,145	414,409

Children's licenses some of its research discoveries to companies for research and/or commercial development, and in return, sometimes receives equity, either as capital stock or as options to buy capital stock, as partial consideration for a license. In fiscal 1995, Children's owned license-based equity in the following companies under such arrangements: Athena Neurosciences, Inc.; Boston Life Sciences, Inc.; Entremed, Inc.; ProCell Pharmaceuticals, Inc.; and Urosurge, Inc.

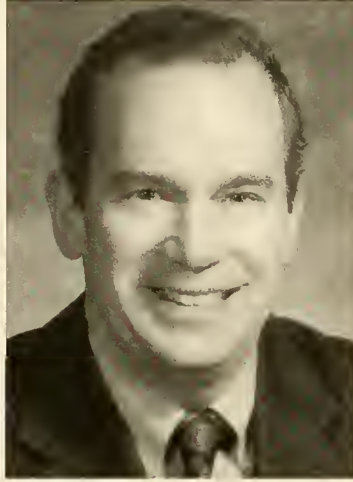
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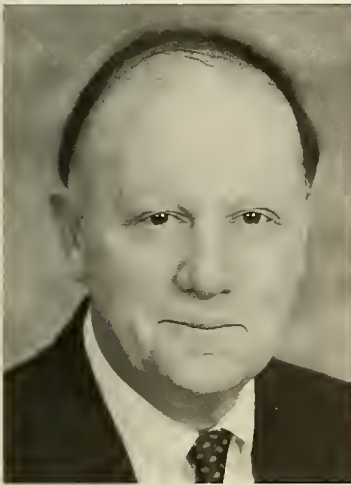
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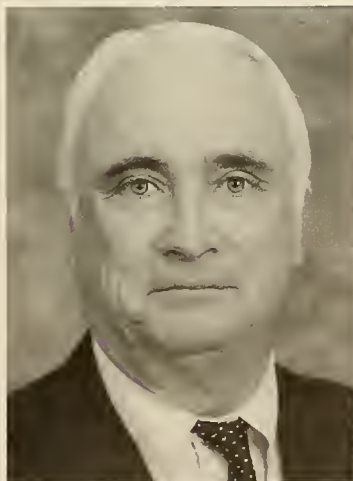
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The "Children's Circle of Care" was founded in 1995 by 19 pediatric hospitals in the United States and Canada to recognize and honor generous individuals and family foundations supporting child health care. These donors make annual gifts of \$10,000 or more to their local children's hospitals, and provide leadership and inspiration to those whose mission it is to heal sick children. Founding members in calendar year 1995 from Boston Children's Hospital are listed below.

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Children's Hospital acknowledges with great appreciation the generous support of all donors during fiscal year 1995, October 1, 1994 through September 30, 1995. President's Forum members and all others contributing \$1,000 or more are recognized on the following pages. Members of the Children's Circle of Care, listed above, are also members of the President's Forum.

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 Tournament
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 The Brain Tumor Society
 Brandeis University
 Breakfast with Dan & Bob for Children's
 The Butcher Boy Classic Golf
 Tournament, The Yameen Family
 Calliope Productions
 Championship Auto Racing Auxiliary
 Children's Hospital Employees (One for
 All Fund)
 The Children's Hospital League
 Children's Hospital Medical Staff
 Cohasset Benefit Tennis Tournament
 Colorado Springs Orthopaedic
 Association, P.C.
 Commonwealth of Massachusetts,
 Commission Against Discrimination

Die Erste Oesterreichische Spar-Casse
 The Chet Stone Dillon Open
 Dunn Middle School
 Dutch Kitchen, Inc., Customers
 The Epsilon Omicron Kappa
 Melissa Etheridge Information Network
 Extreme
 First Parish Church in Weston
 Philip Frieze Charity Golf Tournament
 Fthiotidos Society Thermopyles
 Friends of Nicholas Giannoulis
 Hellenic Cardiac Fund for Children
 Hellenic Center for Biomedical Ethics
 Hilltop Athletic Association, Inc.
 Holy Cross Bookstore
 H.O.P.E. Boston, Inc.
 Instrumentation Laboratory, Employees
 International Doll Makers Association, Inc.
 International Union of Operating Engineers
 Lend A Hand Society
 MIT Marathon Club
 The Memorial Church
 Metro-West All Star Football Classic
 Megan Rose Nevins Memorial Golf
 Tournament

New England Association of Retail
 Lenders, Inc.
 New England Franchisee Association
 Norwell High School
 Friends of Palmer Manufacturing Co., Inc.
 Friends of Bess and Chris Pappas
 Project Bread
 Purity Supreme Employees Sunshine
 Fund
 Regis College Management Club
 Alex Rego Gift for Life Fund
 Rockland Golf Course and Friends
 Rockland Police Department
 P.J. Sanda Memorial Golf Tournament
 Solomon Schechter Day School
 United Way of Delaware
 Connie Watson Charity Golf Tournament
 WBZ Farmstand
 WBZ-Children's Hospital Fund
 Wood Gundy Corp., Employees

Foundations and Trusts

Charles F. Adams Charitable Trust
 Anonymous (2)
 The Anthony Advocate Foundation
 Applebaum Foundation, Inc.
 Mary E. Armstrong Trust
 Elisha V. Ashton Trust
 Mabelle G. Balkam Trust
 Boatmen's Trust Company
 Boston Children's Heart Foundation
 Boston Neurosurgical Foundation, Inc.
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James F. Casey Fund
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 Foundation, Inc.
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 Foundation
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Hermit Hill Charitable Lead Trust
 Highland Street Connection
 Hildreth Stewart Charitable Foundation
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 The Hopedale Foundation
 Henry Hornblower Fund, Inc.
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 The Jockey Hollow Foundation, Inc.
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 Esther B. Kahn Charitable Income Trust
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 Seth A. and Beth S. Klarman Foundation
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 Mary MacGregor Trust
 A. L. Mailman Family Foundation, Inc.
 Lucille P. Markey Charitable Trust
 Hugh P. McNally Trust
 The New York Community Trust
 Deborah Munroe Noonan Memorial Fund
 S. Elizabeth O'Brien Trust
 The Oliver Fund
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 The Pacer Foundation, The Foster Family
 The Peabody Foundation, Inc.
 Joseph Persky Foundation
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 Charles and Cornelia Pfaff Fund
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 Andrew W. Preston Charity Fund
 Olive Higgins Prouty Foundation
 Ronald McDonald Children's Charities
 Thomas Morgan Rotch Jr. Memorial Fund
 Marietta Lutze Sackler Family Trust
 Richard Saltonstall Charitable Foundation
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 Sholley Foundation, Inc.
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 The Seth Sprague Educational and Charitable Foundation
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 United Cerebral Palsy Research and Educational Foundation, Inc.
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 Benjamin F. C. Whitehouse Trust
 Gladys Whitehouse Trust
 The John & Dorothy Wilson 1981 Trust
 Winthrop Family Charitable Trust
 William Zakon & Sons Charity Fund

Estates

Many friends of the hospital choose to remember Children's through their wills. During fiscal year 1995, generous gifts were received from the estates of the following people.

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 Sara Atkins
 Beatrice F. Banash
 Charles Bancroft
 Charles H. Beattie
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 William B. Wilkes
 Chirino Zappala

Tributes

Many donors choose to honor and remember friends and loved ones through gifts to Children's. The following individuals were recognized with gifts totalling \$1,000 or more in fiscal year 1995.

in honor of:

Aerosmith
 Peter Black, M.D., Ph. D.
 Travis Byers
 Bernice Frieze
 Tommy and Peter Gimbel
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 Melissa Jacobs
 Simon Kaplan
 Arianna Olbrych
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 Joshua Rappaport
 Dr. Gertrud C. Reyersbach
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 Scott Schlager
 Lauren Scott
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in memory of:

Peter Agris
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 Karen Anne Arbia
 Anthony Asprakis
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The Abigail Loring Society recognizes individuals who have indicated that they have remembered Children's in an estate plan.

Anonymous
 Elliott M. Abbott
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* Deceased

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* Deceased

Volunteer Service

*The volunteers listed below completed
 10 or more years of service in 1995.*

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 Roy Bauer, 12
 Robert Begin, 18
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 Libby Casty, 21
 Louis Cherson, 15
 Marian Clark, 30
 Laura Clarke, 11
 Joanne DiSalvo, 13
 Rose DiSanto, 10
 Polly Dunn, 12
 Fred Feldmesser, 14
 Clyde Forde, 13
 Edna Mae Foreman, 18
 Anne Gamble, 15
 Nancy George, 19
 Mary Georgenes, 16
 Marilyn Goldberg, 18
 Priscilla Gray, 12
 Robert Groden, 30
 Bessie Kotsakis, 11
 Charles Lloyd, 21
 Ed Madden, 11
 Fran Mavko, 10
 Gwen Muldoon, 11
 Dick O'Shea, 15
 Rhoe Papoulias, 10
 Bess Pappas, 21
 Chris Pappas, 14
 Mae Rosenberg, 34
 Kevin Rowe, 12
 Margaret Sauer, 10



Sandy Selesky, 23
 Clara Sheskey, 13
 Lillian Shulman, 38
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 Greely Summers, 18
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otolaryngologist-in-chief
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The path to Children's Hospital is often a winding one, marked by uncertain turns in a child's health and great strain on a family. It originates in many places, as families from all over the world set off on the mission to find the most experienced and advanced care for their seriously ill children.

When these families arrive at Children's, they find sanctuary: a world dedicated to hope and committed to helping their children heal. Refuge is found in the competent, gentle hands of the care givers, in the comforting support of the chaplains, social workers, and child life specialists, and in the beauty and serenity of the Prouty Garden.

The sanctuary that is Children's Hospital must remain available to all children and families, regardless of their ability to pay. Children's deeply appreciates the generosity of its many friends who help ensure that all critically ill children have access to the hospital's care and support, and that each child finds the path to a healthy future.



Name _____

()
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The path to Children's Hospital is often a winding one, marked by uncertain turns in a child's health and great strain on a family. It originates in many places, as families from all over the world set off on the mission to find the most experienced and advanced care for their seriously ill children.

When these families arrive at Children's, they find sanctuary—a world dedicated to hope and committed to helping children heal. Refuge is found in the compassion of the care givers, in the comforting support of social workers, and child life specialists, and in the serenity of the Prouty Garden.

The sanctuary that is Children's Hospital is available to all children and families, regardless of ability to pay. Children's deeply appreciates the gifts of friends who help ensure that all critically ill children receive the care and support, and the path to a healthy future.

Children's Hospital



Your gift to Children's will help the hospital remain an exceptional resource for children and families—today and into the future.

Thank you for supporting Children's as generously as you can.



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